

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1487.0150001
First Inventor	Paul Febvre
Title	Method And Apparatus For Controlling Transmissions In Communications Systems (As Amended)
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Sheets 2]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ Paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: Authorization under 37CFR 1.136(a)(3)
The name of the assignee is: Inmarsat Ltd.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/440,468

Prior application information:

Examiner

Tu X. Nguyen

Art Unit: 2684

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 26111 OR ☐ Correspondence address below

Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Edward J. Kessler	Registration No. (Attorney/Agent)	25,688
Signature			Date March 12, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 896.00**Complete if Known**

Application Number	To Be Assigned (Divisional of Appl. No. 09/440,468; Filed: November 15, 1999)
Filing Date	Herewith
First Named Inventor	Paul Febvre
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	1487.0150001

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☒ Other** ☐ None☐ *Charge any deficiencies or credit any overpayments in
Deposit Account: the fees to Deposit Acct. No. 19-0036

Deposit Account Number	19-0036
Deposit Account Name	Sterne Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
8	20	0	0.00
4	3	1	86.00
Multiple Dependent		0	0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			86.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Edward J. Kessler	Registration No. (Attorney/Agent)	25,688	Telephone	(202) 371-2600
Signature		Date	March 12, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millonig
Lawrence B. Bugaisky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Heidi L. Kraus
Edward W. Yee
Albert L. Ferro*
Donald R. Banowitz
Peter A. Jackman
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston
Kimberly N. Reddick
Theodore A. Wood

Elizabeth J. Haanes
Joseph S. Ostroff
Frank R. Cottingham
Christine M. Uhulier
Rae Lynn Prengaman
Jane Shershenovich*
Lawrence J. Carroll*
George S. Bardmesser
Daniel A. Klein*
Jason D. Eisenberg
Michael D. Specht
Andrea J. Kamage
Tracy L. Muller*
LuAnne M. DeSantis
John J. Figueroa
Ann E. Summerfield
Tiera S. Coston*
Aric W. Ledford*

Michael D. Specht
Jessica L. Parezo
Timothy A. Doyle*
Cynthia M. Bouchez
Nicole D. Dretar*
Ted J. Ebersole
Registered Patent Agents*
Karen R. Markowicz
Nancy J. Leith
Helene C. Carlson
Gaby L. Longworth
Matthew J. Dowd
Aaron L. Schwartz
Mary B. Tung
Katrina Y. Pei Quach
Bryan L. Skelton
Robert A. Schwartzman

Teresa A. Colella
Jeffrey S. Lundgren
Victoria S. Rutherford
Eric D. Hayes
Michelle K. Holoubek
Robert H. DeSelms
Simon J. Elliott
Julie A. Heider
Mita Mukerjee
Scott M. Woodhouse
Of Counsel
Kenneth C. Bass III
Evan R. Smith
Marvin C. Guthrie
*Admitted only in Maryland
*Admitted only in Virginia
•Practice Limited to Federal Agencies

March 12, 2004

WRITER'S DIRECT NUMBER:
(202) 772-8550
INTERNET ADDRESS:
EKESLER@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
(Divisional of Appl. No. 09/440,468; Filed: November 15, 1999)
Appl. No. *To Be Assigned*; Filed: *Herewith*
For: **Method and Apparatus for Controlling Transmissions in
Communications Systems (As Amended)**
Inventors: Febvre *et al.*
Our Ref: 1487.0150001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. Form PTO-2038 Credit Card Payment Form for \$896.00 to cover:
\$770.00 Filing Fee for Patent Application;
\$ 86.00 Excess Claim Fee;
\$ 40.00 Assignment Recordation Fee;
2. Fee Transmittal (Form PTO/SB/17);
3. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
4. U.S. Utility Patent Application entitled:

Communication Methods and Apparatus

and naming as inventors:

Paul FEBVRE
David Denis MUDGE

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. A copy of the executed Combined Declaration and Power of Attorney, as originally filed in U.S. Appl. No. 09/440,468;
- c. A copy of the decision granting a petition to accord § 1.47 status to Appl. No. 09/440,468;
- d. A specification containing:
 - i. 23 pages of description prior to the claims;
 - ii. 4 pages of claims (25 claims);
 - iii. a one (1) page abstract;
- e. 10 sheets of drawings: (Figures 1-2, 3, 4, 5a-5b, 5c-5d, 6a-6b, 7, 8a, 8b, 9-10); and
5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
6. Recordation Form Cover Sheet (PTO/1595);
7. A copy of Assignment to Inmarsat Ltd., executed by Paul Febvre, as originally filed in U.S. Appl. No. 09/440,468;
8. A copy of Assignment to Inmarsat Limited, executed by David Denis Mudge, as originally filed in U.S. Appl. No. 09/440,468;
9. A copy of Claim to Priority under 35 U.S.C. § 119(a)-(d); filed in U.S. Appl. 09/440,468;
10. A certified copy of United Kingdom Patent Application No. 9905181.5, filed March 5, 1999, priority of which is hereby claimed;
11. A Preliminary Amendment;
12. Letter to PTO Draftsman: Submission of Formal Drawings;
13. 10 sheets of formal drawings (Figures 1-2, 3, 4, 5a-5b, 5c-5d, 6a-6b, 7, 8a, 8b, 9-10);

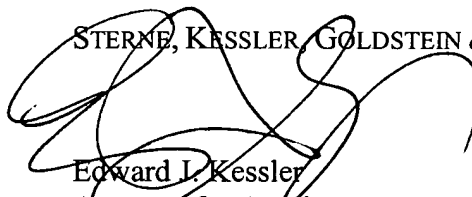
Commissioner for Patents
March 12, 2004
Page 3

14. An Information Disclosure Statement;
15. Form PTO-1449 (4 sheets citing 33 documents); and
16. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Edward L. Kessler
Attorney for Applicants
Registration No. 25,688

EJK/LAG/lam
Enclosures

210825.1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

David K S. Kornwell
Sterne Kessler Goldstein & Fox PLLC
1100 New York Avenue NW, Suite 600
Washington, DC 20005-3934

COPY MAILED

APR 13 2001

**OFFICE OF PETITIONS
A/C PATENTS**

In re Application of :
Paul Febvre et al :
Application No. 09/440,468 : DECISION ACCORDING
Filed: November 15, 1999 : STATUS UNDER 37 CFR 1.47(a)
For: COMMUNICATION METHODS :
AND APPARATUS :

This is in response to the petition under 37 CFR 1.47(a), filed July 17, 2000 and supplemented on April 9, 2001.

The petition is granted.

Petitioner has shown that the nonsigning inventor has refused to join in the filing of the above-identified application.

The above-identified application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status. As provided in Rule 1.47(a), this Office will forward notice of this application's filing to the nonsigning inventor. Notice of the filing of this application will also be published in the Official Gazette.

Telephone inquiries regarding this decision should be directed to the undersigned at (703) 305-8680.

This application is being forwarded to Technology Center AU 2749 for examination in due course

Frances Hicks
Frances Hicks
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

APR 16 2001

DTJ

4/16
4/17/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Febvre *et al.*

Appl. No. 09/440,468

Filed: November 15, 1999

For: **Communication Methods and
Apparatus**

Art Unit: 2682

Examiner: To, D.

Atty. Docket: 1487.0150000

**Petition Under 37 C.F.R. § 1.47(a)
To Make The Application on Behalf Of Signing
Inventor And A Non-signing Inventor**

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants petition to make the application on behalf of signing inventor and a non-signing inventor of the above-captioned nonprovisional application. The last known address of the non-signing inventor, David Denis Mudge, is 44A Handforth Road, Oval, London, SW9 OLP, United Kingdom. In accordance with 37 C.F.R. § 1.47, Applicants submitted Declaration for Patent Application Under 37 C.F.R. § 1.47 on July 17, 2000 and resubmitted the Declaration on August 9, 2000.

Applicants hereby authorize the U.S. Patent and Trademark Office to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Dustin T. Johnson". The signature is fluid and cursive, with the first name "Dustin" being more prominent.

Dustin T. Johnson
Agent for Applicants
Registration No. 47,684

Date: April 9, 2001
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600
LAFORMS\PTO\132PTO.WPT
SKGF Rev. 1/26/01 mac

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Febvre *et al.*

Appl. No.: *To Be Assigned* (Divisional of Appl.
No. 09/440,468; Filed: November 15, 1999)

Filed: Herewith

For: **Method and Apparatus for Controlling
Transmissions in Communications
Systems (As Amended)**

Confirmation No.: *To Be Assigned*

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 1487.0150001

**Authorization to Treat a Reply as Incorporating an
Extension of Time Under 37 C.F.R. § 1.136(a)(3)**

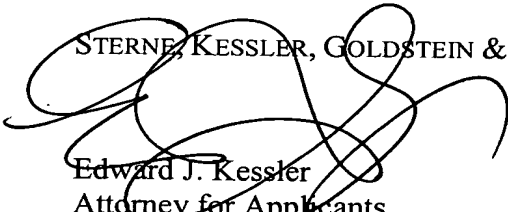
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Edward J. Kessler
Attorney for Applicants
Registration No. 25,688

Date: March 12, 2004

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Febvre *et al.*

Appl. No.: *To Be Assigned* (Divisional of Appl.
No. 09/440,468; Filed: November 15, 1999)

Filed: *Herewith*

For: **Method and Apparatus for Controlling
Transmissions in Communications
Systems (As Amended)**

Confirmation No.: *To Be Assigned*

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 1487.0150001

Letter to PTO Draftsman: Submission of Formal Drawings

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

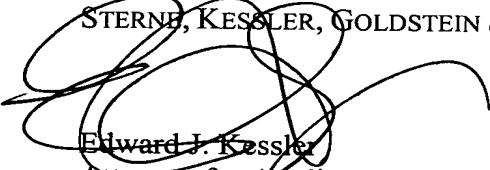
Submitted herewith are 10 sheets of formal drawings with Figures 1-2, 3, 4, 5a-5b, 5c-5d, 6a-6b, 7, 8a, 8b, 9-10, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Edward J. Kessler
Attorney for Applicants
Registration No. 25,688

Date: March 12, 2004
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600